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(071243-1404)

AMENDMENT OF THE CLAIMS/LISTING OF CLAIMS

Please amend claims 1, 7, 8, 15 and 17, and cancel claim 6 as follows. This listing of claims will replace all prior versions, and listings, of claims in the application.

1. (Currently amended) A method for the treatment of a subject having ~~an infirmity~~ **cancer**, said method comprising administering to said subject a sub-therapeutic dose level of a pharmacologically active agent effective against said ~~infirmity~~ **cancer, wherein said sub-therapeutic dose is administered over an administration time in the range from about 7 days to about 1 year**.

2. (Original) A method according to claim 1, wherein said pharmacologically active agent is selected from the group consisting of chemotherapeutic drugs, taxanes, epitholones, agents which modify microtubule activity or assembly, small molecule drugs, biologics, peptides, antibodies, enzymes, antisense therapeutics, polynucleotides, synthetic polynucleotide constructs, antiinfectives, antirejection drugs, analgesics/antipyretics, anesthetics, antiasthmatics, antibiotics, antidepressants, antidiabetics, antifungal agents, antihypertensive agents, anti-inflammatories, antineoplastics, antianxiety agents, immunosuppressive agents, antimigraine agents, sedatives/hypnotics, antianginal agents, antipsychotic agents, antimanic agents, antiarrhythmics, antiarthritic agents, antigout agents, anticoagulants, thrombolytic agents, antifibrinolytic agents, hemorheologic agents, antiplatelet agents, anticonvulsants, antiparkinson agents, antihistamines/antipruritics, agents useful for calcium regulation, antibacterial agents, antiviral agents, antimicrobials, anti-infectives, bronchodialators, hormones, hypoglycemic agents, hypolipidemic agents, proteins, nucleic acids, agents useful for erythropoiesis stimulation, antiulcer/antireflux agents, antinauseants/antiemetics, oil-soluble vitamins, mitotane, visadine, halonitrosoureas, anthrocyclines, and ellipticine.

3. (Original) A method according to claim 1, wherein said pharmacologically active agent is administered by one or more routes of administration selected from the group consisting of topical, oral, intraarticular, intracisternal, intraocular, intraventricular, intrathecal, intravenous, intramuscular, intraperitoneal, intradermal/transdermal/subcutaneous, intratracheal/inhalational, rectal, vaginal, intracranial, intraurethral, intrahepatic, intraarterial, intratumoral, and mucosal.

4. (Original) A method according to claim 1, wherein said pharmacologically active agent is administered systemically.

5. (Original) A method according to claim 1, wherein said pharmacologically active agent is administered locally.

6. (Cancelled)

7. (Currently amended) A method according to claim 1, wherein said sub-therapeutic dose is administered over an administration time in the range from about ~~7 days~~ 2 weeks to about 9 months.

8. (Currently amended) A method according to claim 1, wherein said sub-therapeutic dose is administered over an administration time in the range from about [[2]] 3 weeks to about 3 months.

9. (Original) A method according to claim 1 wherein said infirmity is breast cancer, ovarian cancer, lung cancer, hepatic disease, brain disease, bladder cancer or prostate cancer.

10. (Original) A method according to claim 1 wherein said subject is a human.

11. (Original) A method for eliminating cancer cells in a subject having said cancer cells, said method comprising administering to said subject a sub-therapeutic dose level of an antineoplastic agent.

12. (Original) A method according to claim 11 wherein said antineoplastic agent is paclitaxel.

13. (Original) A method for administration of a pharmacologically active agent to a subject in need thereof so as to achieve therapeutic levels thereof for more than 4 days, said method comprising regularly administering said pharmacologically active agent at a sub-therapeutic dose level for greater than 4 days.

14. (Original) A method for administration of a pharmacologically active agent to a subject in need thereof without subjecting said subject to adverse events caused by higher than therapeutic levels of said pharmacologically active agent, said method comprising regularly administering said pharmacologically active agent at a sub-therapeutic dose level for a time sufficient to achieve a therapeutic effect.

15. (Currently amended) A unit dosage form for the treatment of a subject having ~~an infirmity~~ cancer, said unit dosage form comprising a sub-therapeutic dose level of a pharmacologically active agent effective against said ~~infirmity~~ cancer.

16. (Original) A unit dosage form according to claim 15, wherein the pharmacologically active agent in the unit dosage form is selected from the group consisting of chemotherapeutic drugs, taxanes, epitholones, agents which modify microtubule activity or assembly, small molecule drugs, biologics, peptides, antibodies, enzymes, antisense therapeutics, polynucleotides, synthetic polynucleotide constructs, antiinfectives, antirejection drugs, analgesics/antipyretics, anesthetics, antiasthmatics, antibiotics, antidepressants, antidiabetics,

antifungal agents, antihypertensive agents, anti-inflammatories, antineoplastics, antianxiety agents, immunosuppressive agents, antimigraine agents, sedatives/hypnotics, antianginal agents, antipsychotic agents, antimanic agents, antiarrhythmics, antiarthritic agents, antigout agents, anticoagulants, thrombolytic agents, antifibrinolytic agents, hemorheologic agents, antiplatelet agents, anticonvulsants, antiparkinson agents, antihistamines/antipruritics, agents useful for calcium regulation, antibacterial agents, antiviral agents, antimicrobials, anti-infectives, bronchodialators, hormones, hypoglycemic agents, hypolipidemic agents, proteins, nucleic acids, agents useful for erythropoiesis stimulation, antiulcer/antireflux agents, antinauseants/antiemetics, oil-soluble vitamins, mitotane, visadine, halonitrosoureas, anthrocyclines, and ellipticine.

17. (Currently amended) A unit dosage form according to claim 15, wherein the pharmacologically active agent is administered by one or more routes of administration selected from the group consisting of topical, oral, intraarticular, intracisternal, intraocular, intraventricular, intrathecal, intravenous, intramuscular, intraperitoneal, intradermal/transdermal/subcutaneous, intratracheal/inhalational, rectal ~~(i.e., via suppository)~~, vaginal ~~(i.e., via pessary)~~, intracranial, intraurethral, intrahepatic, intraarterial, intratumoral, and mucosal.

18. (Previously presented) A method according to claim 1, wherein said pharmacologically active agent is a chemotherapeutic drug.

19. (Previously presented) A method according to claim 1, wherein said pharmacologically active agent is administered intravenously.

20. (Previously presented) A unit dosage form according to claim 15, wherein the pharmacologically active agent in the unit dosage form is a chemotherapeutic drug.

21. (Previously presented) A unit dosage form according to claim 15, wherein the pharmacologically active agent is administered intravenously.